

FORM 697 REV. 3-53

25X1

INTERDEPARTMENTAL CORRESPONDENCE

25X1

TO:

CC:

DATE: 25 March 1958

25X1

REF: 4030.7/130

SUBJECT: Estimated Weights and Sizes of Boxed

FROM:

25X1

25X1

Listed below are the estimated size and weights of the packaged terminals to be shipped in the near future:

25X1

| <u>Box No.</u> | <u>Contents</u> | <u>Size</u> | <u>Weight (lbs.)</u> |
|----------------|-----------------|----------------------|----------------------|
| 1 | Control Cabinet | 90 1/8 x 34 1/8 x 44 | 975 |
| 2 | Pulse Cabinet | 90 1/8 x 34 1/8 x 44 | 950 |
| 3 | Punch Cabinet | 90 1/8 x 34 1/8 x 44 | 675 |
| 4 | Punch | 24 x 24 x 24 | 130 |
| 5 | Punch | 24 x 24 x 24 | 130 |
| 6 | Cables | 24 x 22 x 20 | 150 |
| 7 | Receive Cabinet | 90 1/8 x 34 1/8 x 44 | 995 |
| 8 | Timing Cabinet | 90 1/8 x 34 1/8 x 44 | 921 |
| 9 | Parity Cabinet | 90 1/8 x 34 1/8 x 44 | 907 |
| 10 | Cables | 24 x 22 x 20 | 150 |
| 11 | Spares | 24 x 24 x 24 | 100 |
| 12 | Spares | 24 x 24 x 24 | 100 |

25X1

Total Weight - 6183 lbs.

Total Volume - 514 cu. ft.

25X1

GJN:nw

25X1

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Cmg. 8-293

CONFIDENTIAL

19 MAR 1964

Chief, Signal Center, OC

Chief, Engineering Division, OC

Receive Data Terminal, []

25X1

1. The following physical and electrical requirements for the Receive Data Terminal, [] of the High Speed Communications System, [] are hereby furnished per your request.

25X1
25X1

Receive Data Terminal, []

25X1

- A. [] Key Generator
cabinet - 22" x 32" x 60" - 575 lb.
115 volts, 60 cps - 900 watts
- B. High Speed Page Printer
(3) cabinets - 25" x 27" x 67"
(1) cabinet - 6' length x 5' height x 3' width -
Total weight - 1800 lbs.
115 volts, 60 cps - 3,000 watts
- C. High Speed Reperforator
cabinet - 25" x 27" x 72" - 675 lb.
115 volts, 60 cps - 230 watts, one punch running
345 watts, both punches running

25X1

Note: (Seven amperes drawn for start of one punch. One punch running draws 2.0 amperes, both punches running draw 3.0 amperes.)

- D. Pulse Cabinet
cabinet - 25" x 27" x 72" - 950 lb.
115 volts, 60 cps - 805 watts
- E. Control Cabinet
cabinet - 25" x 27" x 72" - 975 lb.
115 volts, 60 cps - 1093 watts

25X1

OC-E/R+D-EP/PCV:wlmj (12 Mar.) PV:mjr (17 March)
cc: R+D Subject File

Reading

I+MB

OC-E Chrono

R+D Chrono

EP Chrono

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INTERDEPARTMENTAL CORRESPONDENCE

TO:

CC:

DATE: 14 February 1958 25X1

File 25X1

SUBJECT: RECEIVE DATA TERMINAL OF
WEIGHT AND POWER

FROM: 25X1

Power requirements of the three cabinets comprising the receive data terminal have been approximately determined by measuring the line current into each cabinet with a clip-on type of ammeter. (Flux linkage type). No attempt at obtaining the power factor was made nor was it possible with equipment on hand without excessive alteration of the input circuits.

The currents are as follows:

| | |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Control cabinet | 9.5 amperes |
| Pulse cabinet | 6.5 amperes (7.0 when punching) |
| Reperforator cabinet | 2.0 amperes (1 punch running; 3.0 with both punches running) (over 7 amperes for start of upper punch) |

The weights of the cabinets were approximated by using figures for previous systems of similar construction.

| | |
|----------------------|----------|
| Control cabinet | 975 lbs. |
| Pulse cabinet | 950 lbs. |
| Reperforator cabinet | 675 lbs. |

The sizes of the cabinets are the same as previous units and are 25 inches wide, 30 inches deep (from front handles to back handle), 76 inches tall (from floor with casters).

JHS:nw

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